

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	569	(375/265).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/25 16:15
S2	31	MIMO and TCM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 08:39
S3	137	(multiple adj2 input adj2 multiple adj2 output) and (trellis near3 cod\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 08:40
S4	152	S2 or S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 08:41
S5	7596	(multiple or two or several) near3 (transmit\$4 near4 antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 08:42
S6	12850	(multiple or two or several) near3 (receiv\$4 near4 antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 08:42
S7	4613	S5 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 08:42
S8	91	S4 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 08:43

## EAST Search History

S9	783	rotation\$4 with constellation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 08:45
S10	6	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 13:54
S11	25	S8 and (convolutional near3 encod\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 13:32
S12	6	S11 and @pd<"20030813"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 14:05
S13	6	S12 and (channel near3 matrix)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 13:36
S14	5	S2 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 13:54
S15	8	S3 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 13:55
S16	203	S9 and (TCM or trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 13:55

## EAST Search History

S17	127	S16 and @pd<"20030813"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 13:55
S18	1	S17 and MIMO	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 13:57
S19	0	S17 and (rotation SAME distinct SAME real SAME imag\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 13:58
S20	4	S17 and (rotation SAME distinct)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 13:58
S21	1	(US-4891823-\$).did.	USPAT	OR	ON	2006/10/25 14:03
S22	3	S2 and @pd<"20030813"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 14:03
S23	0	S22 and (diversity same real same imag\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 14:04
S24	0	S22 and (diversity same real same antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 14:04
S25	317	real same diversity same antenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 14:04

## EAST Search History

S26	133	S25 and @pd<"20030813"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 14:45
S27	133	S26 and (real WITH symbol with first antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 16:00
S28	1	S27 and (imag\$6 WITH symbol with second with antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 14:10
S29	4	S27 and MIMO	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 14:17
S30	1	(US-20020126648-\$).did.	US-PGPUB	OR	ON	2006/10/25 14:29
S31	1085	space near3 time near3 diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 14:45
S32	375	S31 and @pd<"20030813"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 15:01
S33	7	S32 and (real with symbols with antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 14:52
S34	0	S32 and (real with (first near2 symbol) with ( second near2 symbol) with antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 14:53

## EAST Search History

S35	4	S32 and (real same(first near2 symbol) same(second near2 symbol) same antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 15:00
S36	220	diversity and (real same antenna same symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 15:01
S37	87	S36 and @pd<"20030813"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 15:20
S38	9	S37 and MIMO	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 15:02
S39	1	(US-6377631-\$).did.	USPAT	OR	ON	2006/10/25 15:17
S40	0	(label near3 metric) and coset and MIMO	USPAT	OR	ON	2006/10/25 15:17
S41	2	(label near3 metric) and coset	USPAT	OR	ON	2006/10/25 15:19
S42	207	(distance near3 metric) and antenna	USPAT	OR	ON	2006/10/25 15:19
S43	10	S42 and (channel near3 matrix)	USPAT	OR	ON	2006/10/25 15:20
S44	8	S43 and @pd<"20030813"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 15:20
S45	2	("6185258").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/25 16:15
S46	22278	diversity and antenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 15:37

## EAST Search History

S47	11715	S46 and @pd<"20030818"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 16:01
S48	1731	S47 and (MIMO or (multiple near3 antenna))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 15:38
S49	31	S48 and (transmit\$4 WITH real) and (transmit\$4 WITH imaginary)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 15:41
S50	20	S49 and symbol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 15:41
S51	431066	(real WITH symbol with first antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 16:00
S52	2	(real WITH symbol with (first adj3 antenna))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 16:01
S53	20	(real same symbol same (first adj3 antenna))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 19:39
S54	5	S53 and @pd<"20030818"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 19:39

## EAST Search History

S55	7797	((370/335,342,350) or (375/347)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/15 19:44
S56	10	S55 and (real same symbol same (first adj3 antenna))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 19:41
S57	34	gardner.in. and (antenna).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 19:44
S58	2	S57 and (transmit\$4 and matrix).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 19:43
S59	0	S57 and (transmit\$4 and matrix and real and imaginary).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 19:45
S60	7903	((370/335,342,350) or (375/347) or (702/196)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/15 19:44
S61	6	S60 and gardner.in. and (antenna).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 19:45
S62	0	S61 and (transmit\$4 and matrix and real and imaginary).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 19:45

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IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

  

1. **Decision feedback detection using modulation constraints for MIMO Rayleigh channels**  
Prasad, N.; Varanasi, M.K.;  
[Information Theory, 2002. Proceedings. 2002 IEEE International Symposium on](#)  
2002 Page(s):331  
Digital Object Identifier 10.1109/ISIT.2002.1023603  
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IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

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2002 Page(s):331

Digital Object Identifier 10.1109/ISIT.2002.1023603

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